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CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: 7-2-04 Name: Stephanie J. Felicetty, 50,814 Signature: [Signature]

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& LIONE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Solomon Ungashe et. al.

Appln. No.: 10/716,170

Filed: November 17, 2003

For: ARYL SULFONAMIDES

Attorney Docket No: 10709/39

Examiner: Not yet assigned

Art Unit: 1614

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

Attached is/are:

- ☒ Transmittal Cover Letter (1p. Filed in Dup.); Information Disclosure Statement (5pp. Filed in Dup.); Form PTO 1449 (3pp.); 64 Cited References (Ref. Nos. A37-A100)
- ☒ Return Receipt Postcard

Fee calculation:

- ☐ No additional fee is required.
- ☐ Small Entity.
- ☐ An extension fee in an amount of \$_____ for a _____-month extension of time under 37 C.F.R. § 1.136(a).
- ☐ A petition or processing fee in an amount of \$_____ under 37 C.F.R. § 1.17(_____).
- ☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$9=			x \$18=	
Indep.		Minus			x 43=			x \$86=	
First Presentation of Multiple Dep. Claim					+\$145=			+\$290=	
					Total	\$		Total	\$

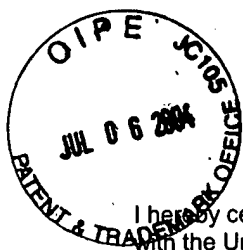
Fee payment:

- ☐ A check in the amount of \$_____ is enclosed.
- ☐ Please charge Deposit Account No. 23-1925 in the amount of \$_____. A copy of this Transmittal is enclosed for this purpose.
- ☐ Payment by credit card in the amount of \$_____ (Form PTO-2038 is attached).
- ☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Respectfully submitted,

7-2-04
Date

[Signature]
Stephanie J. Felicetty (Reg. No. 50,814)



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Our Case No.: 10709/39

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In re Application of:

Ungashe et al.

Serial No.: 10/716,170

Filing Date: November 17, 2003

For: ARYL SULFONAMIDES

Examiner: To be assigned

Group Art Unit No.: 1614

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed below and on the attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

The references now cited are the following:

No.	Date	Name
2,997,368	8/22/61	Barent et al.
4,166,452	9/4/79	Generales, Jr.
4,256,108	3/17/81	Theeuwes
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5,093,364	3/3/92	Richards et al.
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5,163,995	11/17/92	Van Heertum et al.
5,185,348	2/9/93	Niewohner et al.
5,217,521	6/8/93	Durr
5,481,005	1/2/96	Wagnon et al.
5,541,186	7/30/96	Breu et al.
5,571,775	11/5/96	Van Heertum
5,589,478	12/31/96	Yamada et al.
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6,200,995	3/13/01	De la Brouse-Elwood
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6,297,239	10/2/01	deSolms et al.
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2002/0103202	8/1/02	Pinto
6,432,624	8/13/02	Kikuchi et al.
2003/0060460	3/27/03	Ohuchida et al.
2003/0139390	7/24/03	McGee et al.

FOREIGN DOCUMENTS

DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY
EP 556673 B1	2/5/93	Europe
DE 3825041 A1	2/15/90	Germany
GB 884847	12/20/61	Great Britain
GB 1332697	10/3/73	Great Britain
CH 561703	5/15/75	Switzerland
WO 94/20142	9/15/1994	WIPO
WO 95/33462	12/14/95	WIPO
WO 96/08483	3/21/96	WIPO

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WO 98/11218	3/19/98	WIPO
WO 98/28270	7/2/98	WIPO
WO 98/50029	11/12/98	WIPO
WO 99/17777	4/15/99	WIPO
WO 99/38845	8/5/99	WIPO
WO 99/42465	8/26/99	WIPO
WO 99/55663	11/4/99	WIPO
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WO 00/62778	10/26/00	WIPO
WO 01/00579 A1	1/4/01	WIPO
WO 01/09097 A1	2/8/01	WIPO
WO 01/17971 A1	3/15/01	WIPO
WO 01/19788 A2	3/22/01	WIPO
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WO 01/57003 A1	8/9/01	WIPO
WO 01/57020 A1	8/9/01	WIPO
WO 01/56607 A1	8/9/01	WIPO
WO 01/60319 A2	8/23/01	WIPO
WO 02/00633 A1	1/3/02	WIPO
WO 02/30358 A2	4/18/02	WIPO
WO 02/54867 A1	7/18/02	WIPO
WO 02/55501 A2	7/18/02	WIPO
WO 02/59080 A2	8/1/02	WIPO
WO 03/99773 A1	12/4/03	WIPO

OTHER DOCUMENTS

1. Berman et al., *Immunol. Invest.*, 17, pp. 625-677, 1988.
2. Campbell, et al., *J. Exp. Med.*, 195(1), pp. 135-141, 2002.
3. Dahinden, et al., *J. Exp. Med.*, 179, pp. 751-756, 1994.
4. Dannhardt, et. al., *37 Eur.J.Med.Chem.*, pp. 147-161, 2002.
5. Davidson et al., *J Exp Med.*, 184, pp. 241-251, 1996.
6. Kavanaugh et al., *J. Immunol.*, 146, pp. 4149-4156, 1991.
7. Kontoyiannis et al., *Immunity*, 10, pp. 387-398, 1999.
8. Kosiewicz et al., *J Clin Invest.*, 107(6), pp. 695-702, 2001.
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10. Lothrop et al., *J.Amer.Chem.Coc.*, CODEN:JACSAT, 63, pp. 2564-2567, 1941.
11. Murphy, *Rev. Immun.*, 12, pp. 593-633, 1994.
12. Neote, et al., *Cell*, 72, pp. 415-425, 1993.
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17. Schaarschmidt; Herzenberg, *ChemBer.*, CODEN:CHBEAM, 53, pp. 1388-1399, 1920.
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22. Silvestri et al., *Medicinal Chemistry Research*, 11(4), pp. 195-218, 2002.
23. Street et.al., *Journal of Chemical Research, Synopses*, (5), pp. 154-55, 1987.
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The requirement of 37 C.F.R. § 1.98(3)(i) that a concise explanation of the relevance of the documents not in the English language be provided is not necessary in this case, because the relevant material in the non-English language documents listed in this Information Disclosure Statement consists of chemical structures, which need no translation or summary to be understood.

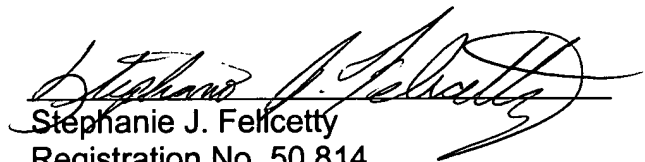
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Pursuant to 37 CFR 1.98 (a) (2) (i), effective for applications filed after June 30, 2003, Information Disclosure Statements may be filed without copies of U.S. patents and U.S. published applications. Such documents are therefore are not being submitted herewith.

This Information Disclosure Statement is being filed prior to the receipt of the first Official Action reflecting an examination on the merits and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925. A duplicate copy of this document is enclosed.

Applicant(s) respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,


Stephanie J. Felcetty
Registration No. 50,814
Attorney for Applicant(s)

BRINKS HOFER GILSON & LIONE
P.O. Box 10395
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(312) 321-4200



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Stephanie J. Felicetty
Signature

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Examiner: To be assigned

Group Art Unit No.: 1614

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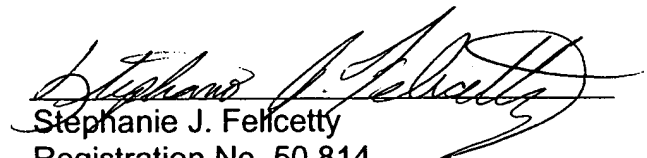
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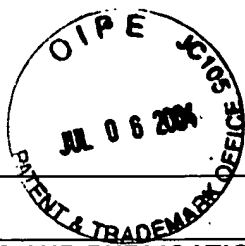
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Attorney for Applicant(s)

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Chicago, IL 60610
(312) 321-4200



FORM PTO-1449	SERIAL NO. 10/716,170	CASE NO. 10709/39
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE November 17, 2003	GROUP ART UNIT 1614
(use several sheets if necessary)		APPLICANT(S): Solomon Ungashe et al.

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	2,997,368	8/22/61	Barent et al.		
	A2	4,166,452	9/4/79	Generales, Jr.		
	A3	4,256,108	3/17/81	Theeuwes		
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	A21	6,136,971	10/24/00	Harrington et al.		
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	A32	2002/0072530 A1	6/13/02	Zhu et al.		
	A33	2002/0103202	8/1/02	Pinto		
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EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
	A37	EP 556673 B1	2/5/93	Europe		No
	A38	DE 3825041 A1	2/15/90	Germany		No
	A39	GB 884847	12/20/61	Great Britain		
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	A41	CH 561703	5/15/75	Switzerland		No
	A42	WO 94/20142	9/15/1994	WIPO		
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EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	
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